FBIS-1266/87 14 JUL 1987

MEMORANDUM FOR:	Director of Information lectmology	
FROM:	Director, Foreign Broadcast Information Service	25X1
SUBJECT:	Communications Requirements for FBIS at Reston	25 X 1
REFERENCE:	OIT-0368-87, dtd 6 Jul 87, Same Subject	
the reference. revised design a requirements bet calls for a thre timesharing on o Two pairs are al	y understanding that continuing technical discussions nth between the FBIS Engineering Support Group and of your staff have negated the the cost estimates of I further understand that these discussions resulted in a nd new cost estimates for our INTERNET communication ween Headquarters and Reston. The agreed upon approach e fiber pair installation to accommodate, with some ne channel, FBIS' baseline and INTERNET requirements. ready funded within your Reston initiative resources, and n additional fiber pair service in accord with para 2.	25X1 25X1
exceed \$58,700, procurement lead occur until late not to exceed \$2	iber optic transmission equipment purchases, not to may be charged against . Due to times the actual installation of this equipment will not October 1987. Installation, checkout and test charges, 0,000, may be charged to in FY-88.	25X1 25X1
	er lease cost at \$28,500/P.A. may be charged against indicated that OIT will be responsible for nses beginning in FY-90.	25X1 25X1
3. FBIS' I direct microwave tower. This lin service to our I	NTERNET contractor has been successful in obtaining a path between Independence Hill and the Tysons Corner k eliminates our near-term requirement for fiber optic NTERNET terminal. We remain supportive of your FY-89 stall fiber optics between Independence Hill and	25X1
		25X1
WARNING NOTICE INTELLIGENCE SOU OR METHODS INVOL		25X1

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SUBJECT:	Communications	Requirements	for FBIS	at Resto	n	25.	X
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SUBJECT: (Optional)			JUL 8 S 33 AH '87
Communications Requireme	ents for FBIS	at Re	ston
FROM:		EXTENSION	
Director of Informa	ition		OIT-0368-87 LOGGED
Technology 2D00. Hgs.			July 1987
TO: (Officer designation, room number, and	DATE	OFFICER'S	COMMENTS (Number each comment to show from whom
building)	RECEIVED FORWARDED	T INITIALS	to whom Draw a line across column after each comment)
Director of Foreign Broadcast Information Service	7/8	6	Herrilis, Compared to the front of the Has?
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OIT-0368-87 LOGGED 06 JUL 1987

MEMORANDUM FOR:	Director, Foreign Broadcast I	nformation Service, DS&T		
FROM:				25 X ′
	Director of Information Techn	ology, DA		
SUBJECT:	Communications Requirements f	or FBIS at Reston		25 X ′
REFERENCE:	A. Your Memo, FBIS-0104/87 d Fiber Optics to Reston	td 26 May 87, Subj:	-	25 X ′
Bol	B. Your Memo, FBIS-1227/87 d Fiber Optic Communications Be Hill, Virginia	- · · · · ·		25X′
to Headquarters requirements wer cannot be absorb		FBIS. Because the FBIS base, the funding for them))	25 X ′
address your ref provided by a fi with connectivit As these require initiative to im already placed f	erence B requirement. OIT prober system from your INTERNET	earth station to Headquarters ding the existing fiber system. re are no funds in the Reston s time. We have, however, ground station in an FY-89		25X ²
service as reque requirements for	outlined below our estimate for sted by reference B. These pro one full-duplex NTSC video cha -duplex audio channels.			
	Headquarters to Independence Hamber H			
WARNING NOTICE			7	25 X ′
INTELLIGENCE SOU				
OR METHODS INVOL	VED CONFIDENTIAL			

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	cost of \$150,000. The FY-88 costs would be \$350,000 for transmission equipment and \$750,000 for fiber optic lease costs. The costs associated for the Headquarters to Reston connectivity, as previously provided, are \$268,000.
	b. As a large portion of the fiber system would be leased from existing carrier facilities, it is anticipated that this service
	could be provided in three to four months from receipt of funding. However, flexibility in schedule could result in a considerable cost savings with the ability to conform to carrier normal construction intervals.
4. fundino	However, flexibility in schedule could result in a considerable cost savings with the ability to conform to carrier normal construction intervals.
	However, flexibility in schedule could result in a considerable cost savings with the ability to conform to carrier normal construction intervals. In order for us to begin work on this project this year we will need

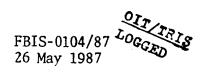
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MEMORANDUM FOR: Director of Information Technology	
FROM: Director, Foreign Broadcast Information Service	25X1
SUBJECT: Fiber Optics to Reston	25X1
REFERENCE: A. Memo OIT-063-87 dated 11 February 1987 B. Memo OIT-0202-87 dated 30 April 1987	
1. To say that Reference B took us by surprise is an understatement. At no time in our discussion with Bill Donnelly in January or in your February memo (Reference A) did we realize FBIS we trading the microwave antenna on the roof for a quarter of million dollar problem. In fact, it was not until your February memory.	fa 25X1
that we were told FBIS was going to have to pay for the service. Furthermore, it is not clear to us that all of these costs are indeed payable in FY 1987 or that they all should necessarily be picked up IFBIS.	đ
2. What is much more bothersome is that at this point in the fiver, FBIS can not instantaneously come up with \$268,000. Given the day estimate for completion, after the receipt of our funds, we are with an activation schedule of possibly September or even early Octob This is totally inconsistent with any schedule that has previously be discussed. The receipt of your February memo implied to us that the action was underway.	90 faced ber. een
3. We request that OIT meet with the FBIS technical representat to look at alternatives that can satisfy our requirements in a more timely and cost-effective manner. This may include utilizing the baseline capabilities provided by OIT between Headquarters and Restor	1
until a more permanent solution can be funded and implemented. Pleas contact secure.	se 25X1
	25X1
WARNING NOTICE INTELLIGENCE SOURCES OR METHODS INVOLVED	25X1

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FBIS-1227/87 20 May 1987

MEMORANDUM FOR:	Chief, New Building Communications Program Division Office of Information Technology, DA	ŧ-
FROM:	Chief, Engineering Support Group Foreign Broadcast Information Service, DS&T	25 X 1
SUBJECT:	Fiber Optic Communications Between Reston and Independence Hill, Virginia	
fiber optic serving INTERNET earth to Based on information	tance in estimating cost and schedule information for vice between FBIS Headquarters in Reston, Virginia and our terminal at Independence Hill, Virginia is requested. al discussions with of your staff, I this service could be made available within 3-4 months.	25 X 1
FBIS is very int	terested in this capability if the cost is reasonable.	•
		25 X 1